IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of:

Applicant:	Christoph Pedain et al.
Application No.:	10/075,108
Filing Date:	February 13, 2002
Title:	DEVICE AND METHOD FOR ADMINISTERING A SUBSTANCE
Attorney Docket No:	SCHWP0156US

PRELIMINARY AMENDMENT DELETING MULTIPLE DEPENDENCIES

Commissioner for Patents
United States Patent and Trademark Office
Washington, DC 20231

Sir:

Please amend the application in accordance with the following appended parts:

A. Clean Version of Replacement Paragraph/Section/Claim with Instructions for Entry; and

B. Version with Markings to Show Changes Made.

Remarks

By way of the foregoing, all of the claims have been amended to delete multiple dependencies. In the event there still remains a claim that depends from more than one claim, the Office is hereby authorized to amend such claim to depend from the first mentioned of the multiple claims from which it depends.

Respectfully submitted,

Don W. Bulson, Reg. No. 28,192
RENNER, OTTO, BOISSELLE & SKLAR, LLP
1621 Euclid Avenue - Nineteenth Floor
Cleveland, Ohio 44115
(216) 621-1113

D \share\152\DWB\SCHW\P\P0156\P0156US.P02.wpd

A. Clean Version of Replacement Paragraph/Section/Claim with Instructions for Entry

Please amend the application as follows:

In the Claims:

Please replace claims 4-5, 7-11, 16-17 and 20 with the following amended versions thereof:

4. The method as set forth in claim 1, wherein said patient data are captured by a magnetic resonance method (MRI), a computer tomography method (CT), an x-ray method or an ultrasound method.

5. The method as set forth in claim 1, wherein patient parameters are obtained from said captured patient data and are used for planning said infusion.

7. The method as set forth in claim 1, wherein parameters of said infusing medium, defining chemical, biological and/or physical properties of said infusing medium, are used for planning said infusion.

8. The method as set forth in claim 1, wherein catheter parameters are used for planning said infusion.

9. The method as set forth in claim 1, wherein the distribution of said infusing medium is simulated based on said patient parameters, catheter parameters and said parameters of said infusing medium.

10. The method as set forth in claim 1, wherein a target volume and/or a distribution of infusing medium in the patient is pre-set, and the catheter parameters and parameters of said infusing medium required for this are determined on the basis of these.

11. A computer program which may be loaded in the memory of a computer, and includes sections of software code with which the steps in accordance with claim 1 may be performed when said program is running on a computer.

16. The infusion method as set forth in claim 15, wherein said infusion is planned in accordance with a method wherein patient data are captured and the infusion to be carried out is planned using said patient data.

17. The method as set forth in claim 15, wherein the actual infusion data are compared with the planned infusion data.

20. A computer program which may be loaded in the memory of a computer, and includes sections of software code with which the steps in accordance with claim 15 may be performed when said program is running on a computer.

B. Version with Markings to Show Changes Made

Please amend the application as follows:

In the Claims:

4. The method as set forth in claim 1 ~~[any one of the preceding claims]~~, wherein said patient data are captured by a magnetic resonance method (MRI), a computer tomography method (CT), an x-ray method or an ultrasound method.

5. The method as set forth in claim 1 ~~[any one of the preceding claims]~~, wherein patient parameters are obtained from said captured patient data and are used for planning said infusion.

7. The method as set forth in claim 1 ~~[any one of the preceding claims]~~, wherein parameters of said infusing medium, defining chemical, biological and/or physical properties of said infusing medium, are used for planning said infusion.

8. The method as set forth in claim 1 ~~[any one of the preceding claims]~~, wherein catheter parameters are used for planning said infusion.

9. The method as set forth in claim 1 ~~[any one of the preceding claims]~~, wherein the distribution of said infusing medium is simulated based on said patient parameters, catheter parameters and said parameters of said infusing medium.

10. The method as set forth in claim 1 ~~[any one of the preceding claims]~~, wherein a target volume and/or a distribution of infusing medium in the patient is pre-set, and the catheter parameters and parameters of said infusing medium required for this are determined on the basis of these.

11. A computer program which may be loaded in the memory of a computer, and includes sections of software code with which the steps in accordance with claim 1 [~~any one of claims 1 to 10~~] may be performed when said program is running on a computer.

16. The infusion method as set forth in claim 15, wherein said infusion is planned in accordance with a method wherein patient data are captured and the infusion to be carried out is planned using said patient data [~~any one of claims 1 to 10~~].

17. The method as set forth in claim 15 [~~any one of claims 15 or 16~~], wherein the actual infusion data are compared with the planned infusion data.

20. A computer program which may be loaded in the memory of a computer, and includes sections of software code with which the steps in accordance with claim 15 [~~any one of claims 15 to 19~~] may be performed when said program is running on a computer.